

01/22/02  
JG490 U.S. PTO

1-24-02

A

Docket No.: 94004-88216

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

JG497 U.S. PTO  
10/053968  
01/22/02

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Dennis P. Long and Christopher W. Cozort

For: **RAPID RESPONSE ELECTRIC HEAT EXCHANGER**

1. **Type of Application**

This transmittal is for an original (nonprovisional) application.

2. **Papers Enclosed**

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design)  
Application

31 Page(s) of Specification  
9 Page(s) of Claims  
15 Sheet(s) of Drawing(s)--Informal

B. Other Papers Enclosed

2 Page(s) of declaration and power of attorney  
1 Page(s) of abstract

3. **Declaration or Oath**

Enclosed

Executed by: inventors.

4. **Inventorship Statement**

The inventorship for all the claims in this application is the same.

5. **Language**

English

10053968-012202

**6. Fee Calculation (37 C.F.R. Section 1.16)**

Regular Application

| CLAIMS AS FILED  |              |                     |              |          |                                      |
|--|--------------|---------------------|--------------|----------|--------------------------------------|
| Claims   | Number Filed | Basic Fee Allowance | Number Extra | Rate     | Basic Fee 37 CFR 1.16(a)<br>\$740.00 |
| Total Claims<br>(37 CFR 1.16(c))                           | 34           | - 20 =              | 14 x         | \$18.00  | \$252.00                             |
| Independent Claims<br>(37 CFR 1.16(b))                     | 4            | - 3 =               | 1 x          | \$84.00  | \$84.00                              |
| Multiple Dependent<br>Claim(s), if any<br>(37 CFR 1.16(d)) |              |                     | +            | \$280.00 | \$0.00                               |
| Filing Fee Calculation                                     |              |                     |              |          | \$1,076.00                           |

**7. Small Entity Statement(s)**

Not Applicable.

**8. Fee Payment Being Made at This Time**

Enclosed

|                            |                   |
|----------------------------|-------------------|
| Filing Fee                 | \$1,076.00        |
| <b>Total Fees Enclosed</b> | <b>\$1,076.00</b> |

**9. Method of Payment of Fees**

Check in the amount of \$1,076.00 is attached.

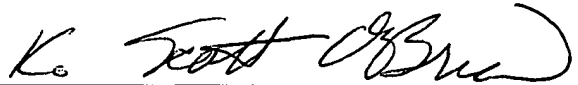
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10. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment amount to Account No. 07-1985.

Date:

1/22/02



K. Scott O'Brian, Reg. No. 42,946  
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10 South Broadway  
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**CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) AND 1.10\***

*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

☒ deposited with the United States Postal Service in an envelope addressed to Box Application: Commissioner for Patents, Washington, D.C. 20231.  
**37 C.F.R. Section 1.8(a)**

**37 C.F.R. Section 1.10\***

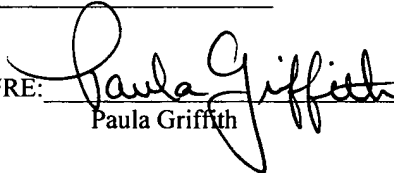
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